



1

SEQUENCE LISTING

<110> LU, YI
LIU, JUEWEN

<120> BIOSENSORS BASED ON DIRECTED ASSEMBLY OF PARTICLES

<130> ILL05-041-US

<140> 10/756,825

<141> 2004-01-13

<160> 16

<170> PatentIn Ver. 3.2

<210> 1

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1

catctcttct ccgagccggt cgaaatagtg agt

33

<210> 2

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Combined DNA/RNA Molecule:
Synthetic oligonucleotide

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>

<221> modified_base

<222> (10)

<223> Any single ribonucleotide

<400> 2

actcactatn ggaagagatg

20

<210> 3
<211> 4
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
nucleotide variable region

<400> 3
tatt

4

<210> 4
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Combined DNA/RNA Molecule:
Synthetic oligonucleotide

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<221> modified_base
<222> (11)
<223> Any single ribonucleotide

<400> 4
gactcactat nggaagaga

19

<210> 5
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 5
tctcttctcc gagccggtcg aaatattgga ggaagctc

38

<210> 6
<211> 22
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 6

gagctggagg aaaaagtgag tc

22

<210> 7

<211> 43

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Combined DNA/RNA Molecule:
Synthetic oligonucleotide

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>

<221> modified_base

<222> (23)

<223> Any single ribonucleotide

<400> 7

actcatctgt gagactcact atnggaagag atgtcaactc gtg

43

<210> 8

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 8

tctcttctcc gagccggtcg aaatattgga ggaagctc

38

<210> 9

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 9

gagctggagg aaaaagtgag tc

22

<210> 10
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Combined DNA/RNA Molecule:
 Synthetic oligonucleotide

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<220>
 <221> modified_base
 <222> (11)
 <223> Any single ribonucleotide

<400> 10
 actcactata nggaagagat g 21

<210> 11
 <211> 12
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 11
 cacgagttga ca 12

<210> 12
 <211> 45
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Combined DNA/RNA Molecule:
 Synthetic oligonucleotide

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<220>
 <221> modified_base
 <222> (22)
 <223> Any single ribonucleotide

<400> 12
 tgtcaactcg tgactcacta tnaggaagag atgtgtcaac tcgtg 45

<210> 13
 <211> 44
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Combined DNA/RNA Molecule:
 Synthetic oligonucleotide

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<220>
 <221> modified_base
 <222> (24)
 <223> Any single ribonucleotide

<400> 13
 actcatctgt gagactcact atanggaaga gatgtcaact cgtg 44

<210> 14
 <211> 50
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 14
 cagagttga catctcttct ccgagccggt cgaaatattg gaggaagctc 50

<210> 15
 <211> 34
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 15
 gagctggagg aaaaagtgag tctcacagat gagt 34

<210> 16
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 16
tctcttccat tttttttaat agtgagtc